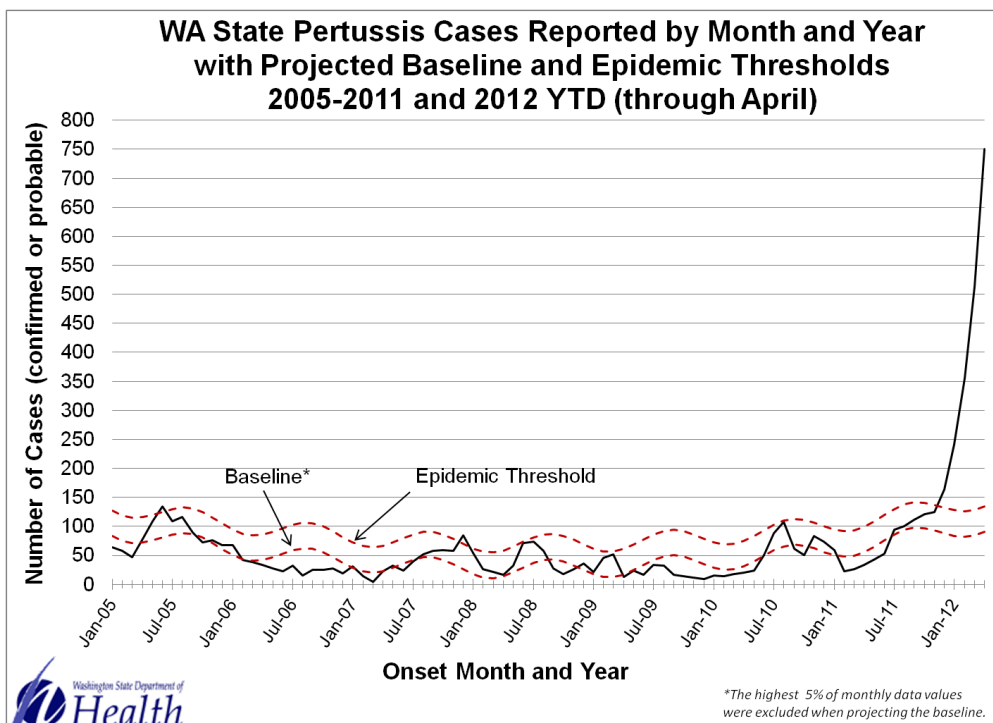
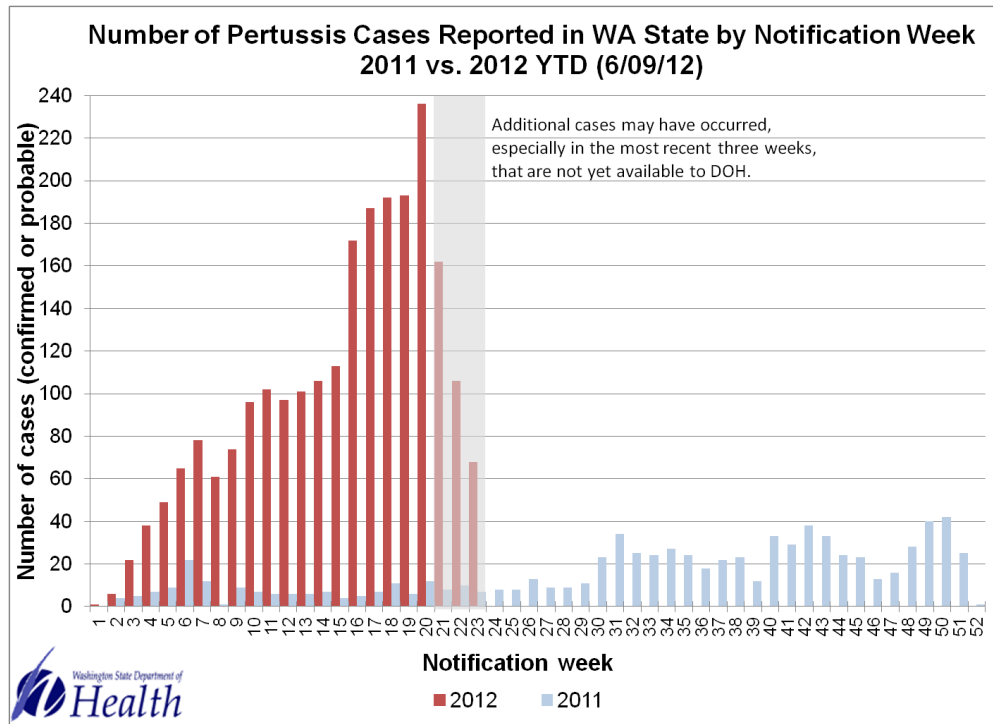


Weekly pertussis update for Washington State

2012 year to date (YTD) confirmed and probable cases reported through 6/9/2012 (week 23)

This update summarizes reports of pertussis in persons with 2012 onsets received by local health jurisdictions (LHJs) during weeks 1-23, made visible to Washington State Department of Health (DOH) - Communicable Disease Epidemiology, and containing sufficient information for a DOH case classification to have been assigned.

- There have been a total of 2,325 cases reported statewide through week 23, compared to 171 reported cases in 2011 during the same time period. Dates for the 2011/2012 comparison were based on LHJ notification date.



- Eight counties have reported no pertussis activity in 2012.
- Among the thirty-one counties with pertussis activity, the number of pertussis cases reported in a given county so far this year ranges from 1 to 474, and the year to date rate of disease in a given county ranges from 4.9 to 397.3 per 100,000 persons (see Table 1).
 - The median and mean county rates in counties reporting pertussis activity are 24.3 and 41.0 per 100,000 persons year to date, respectively.
- The overall incidence year to date is 34.5 pertussis cases per 100,000 Washington residents with a rate in infants under one year of age of 167.1 per 100,000 (see Table 2). One hundred and forty-eight infants under one year of age were reported as having whooping cough and thirty-two of them were hospitalized. Of those hospitalized, twenty-four (75%) were very young (three months of age or younger). Adolescents aged 10-13 years old also have a high incidence rate, 167.4 per 100,000, and comprise 25% of the total cases.

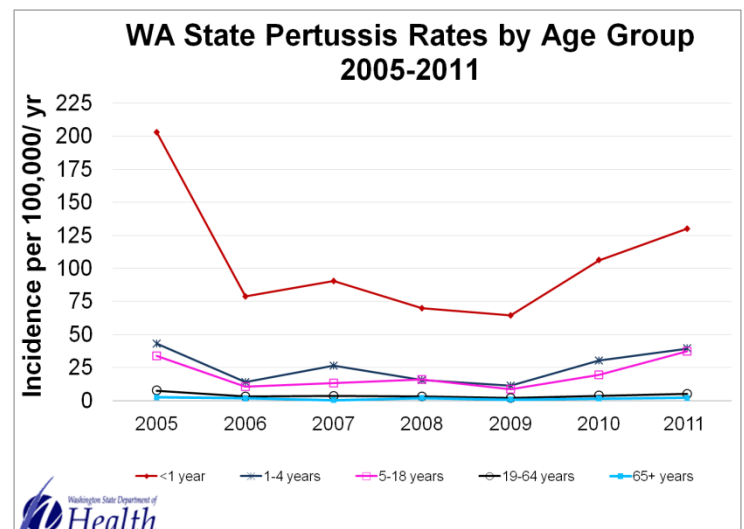
Table 1. WA State pertussis cases by county, 2012 YTD

County	2010 OFM Population	Number of Cases	Rate per 100,000 persons
Adams	18,300	1	5.5
Benton	172,900	31	17.9
Chelan	73,300	21	28.6
Clallam	70,100	11	15.7
Clark	435,600	162	37.2
Columbia	4,150	2	48.2
Cowlitz	100,000	57	57.0
Douglas	38,500	5	13.0
Franklin	75,500	24	31.8
Grant	87,700	8	9.1
Grays Harbor	71,600	7	9.8
Island	81,100	29	35.8
Jefferson	29,300	22	75.1
King	1,933,400	350	18.1
Kitsap	248,300	49	19.7
Kittitas	40,500	25	61.7
Klickitat	20,500	1	4.9
Lewis	75,600	42	55.6
Mason	57,100	6	10.5
Okanogan	40,900	5	12.2
Pend Oreille	13,100	1	7.6
Pierce	814,600	352	43.2
San Juan	16,500	6	36.4
Skagit	119,300	474	397.3
Snohomish	711,100	332	46.7
Spokane	470,300	26	5.5
Stevens	44,300	6	13.5
Thurston	252,400	17	6.7
Walla Walla	59,600	20	33.6
Whatcom	195,500	175	89.5
Yakima	239,100	58	24.3

Note. Counties with no reported cases classified as confirmed or probable, 2012: Asotin, Ferry, Garfield, Lincoln, Pacific, Skamania, Wahkiakum, and Whitman.

Table 2. WA State pertussis cases by age group, 2012 YTD

Age Group (years)	2010 OFM Population	Number of Cases	Rate per 100,000 persons	% cases by age group
<1	88,544	148	167.1	6.4
1-4	355,275	255	71.8	11.0
5-9	432,656	463	107.0	19.9
10-13	346,396	580	167.4	24.9
14-18	454,703	435	95.7	18.7
19-24	577,706	74	12.8	3.2
25-44	1,830,703	212	11.6	9.1
45-64	1,823,910	121	6.6	5.2
65+	823,357	37	4.5	1.6
All ages	6,733,250	2,325	34.5	



Recent Pertussis Incidence by County (February - April 2012 Onsets)

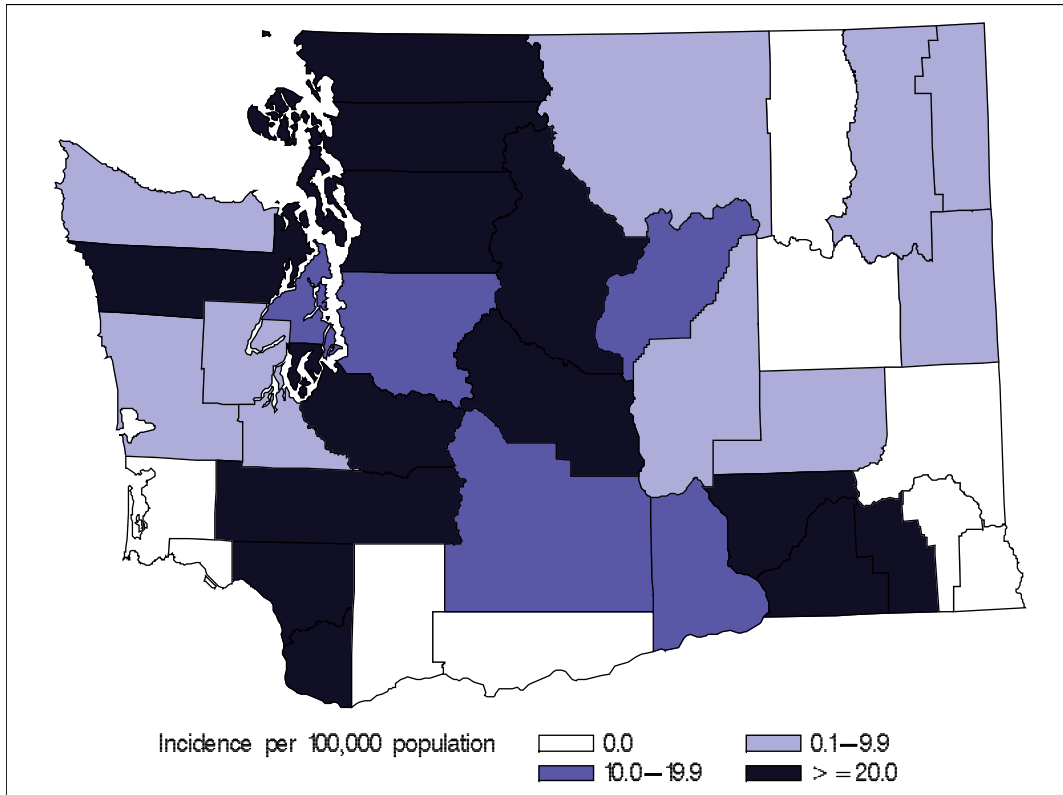


Table 3. Cumulative number of confirmed and probable pertussis cases reported in WA State by 2012 LHJ notification week (through 6/9)

Notification Week	Cumulative Number of 2012 Cases	Number of New Cases
1	1	1
2	7	6
3	29	22
4	67	38
5	116	49
6	181	65
7	259	78
8	320	61
9	394	74
10	490	96
11	592	102
12	689	97
13	790	101
14	896	106
15	1,009	113
16	1,181	172
17	1,368	187
18	1,560	192
19	1,753	193
20	1,989	236
21	2,151	162
22	2,257	106
23	2,325	68

Note: Additional cases may have occurred, especially in the most recent three weeks, that are not yet made available to DOH.

Table 4. Summary of reported pertussis cases* included in the previous 2012 weekly updates posted online

Notification Week	Date of Data Retrieval	Number of Cases
3	1/23	10
4	1/30	36
5	2/6	68
6	2/13	107
7	2/20	175
8	2/27	240
9	3/5	313
10	3/12	375
11	3/19	463
12	3/26	549
13	4/2	640
14	4/9	776
15	4/16	897
16	4/23	1,008
17	4/30	1,132
18	5/7	1,284
19	5/14	1,484
20	5/21	1,738
21	5/29	1,947
22	6/4	2,092

*Note: These case counts do not correspond to the actual cumulative number of cases by LHJ notification week, but rather the cumulative number of cases that had been available to DOH at the time each week's update was created.